

Distributive Property Equations
Day 1

Name _____

Hour _____

Distribute and combine like terms.

1) $4(m + 6) + -5(2m + 12)$

2) $11(3j - 10) + 7(-5j + 8)$

3) $-6(4h - 9) - 8(2h - 11)$

4) $-5(6v - 14) + 4(9v - 10)$

Distribute then solve the equation.

5) $2(3a - 5) = 8$

6) $7(2m + 3) = 31$

7) $9(m - 2) = 45$

8) $2(-3n + 4) = 26$

9) $-4(3v - 2) = 32$

10) $-3(-3d + 3) = 36$

11) $2(4a + 3) = 22$

12) $3(7y - 4) = 30$

13) $-5(3c + 4) = 25$

Distribute then solve the equation.

$$14) 5(r + 2) = 2r + 1$$

$$15) 2(x + 4) = 6x$$

$$16) -12w + 4 = 2(4w - 3)$$

$$17) -3(-x - 4) = 2x + 1$$

$$18) -12k - 3 = -3(k - 14)$$

$$19) 9(-5 - r) = -10 - 2r$$

Challenge!!

$$20) 2(3m + 5) + 3(4m + 6) = 64$$

$$21) 2(5c - 18) = -2(5c + 6) + 8c$$